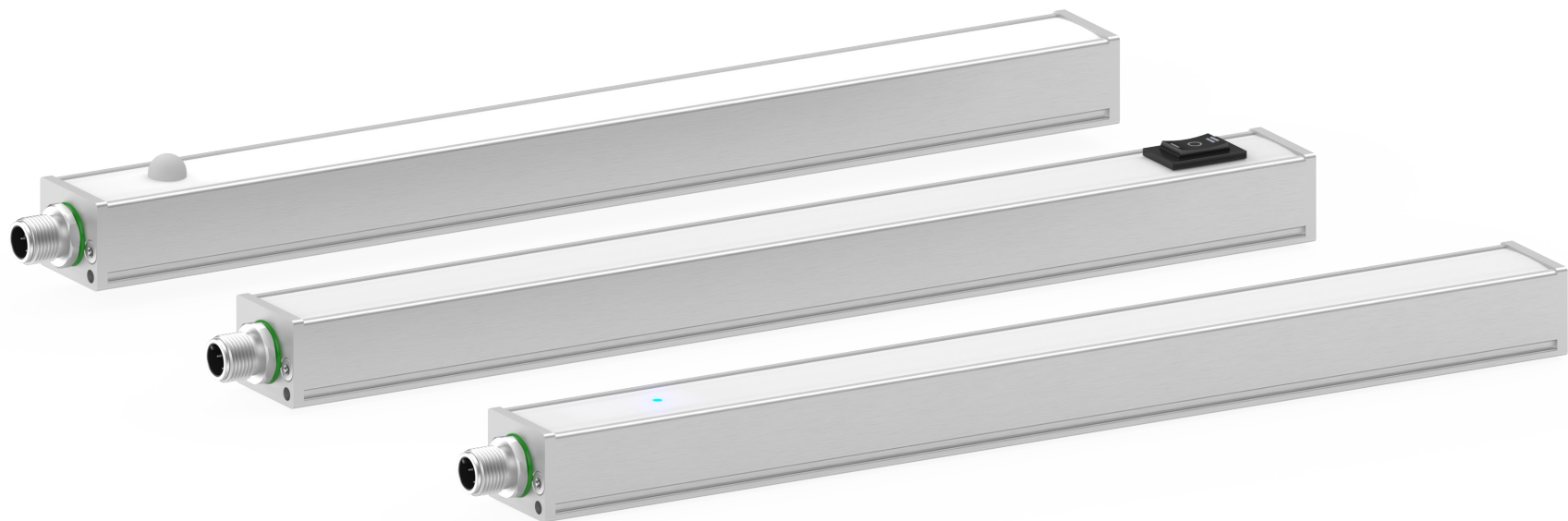


Functional · PRS White 5000K

lumher



24 V
DC

155
lm/W

NOT
CASCADABLE

75 mm
INCREMENTAL

FUNCTIONAL

TACTILE

PIR

SWITCH

POWER 1x
ECO 0,5x

IP40

PWM
DIMABLE

CABLE
M12A

CLASS III

36
MONTHS

MADE IN SPAIN

Technical specifications

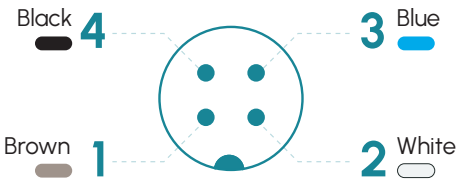
Power supply voltage	24 Vdc $\pm$ 5%	
Luminous efficiency	155 lm/W	
Motion sensor disconnection delay (PIR)	5 min.	
Wavelength	Daylight white	5000K
Beam angle	Semidiffuse Ultradiffuse	60° 110°
Max. number of cascable modules	This luminaire is not cascable	
Electrical protections	Transient overvoltages Polarity reversal Current sablizer	YES YES YES
Colour Rendering Index (CRI)	≥ 80	
IP Rating	IP40	
Protection type	Class III	
Operating temperature	POWER version ECO version	-10°C to +40°C -10°C to +50°C
Storage temperature	0°C a +60°C	
Max. relative humidity	80% (without condensation)	
Body material	Anodized aluminum	
Side cover material	Anodized aluminum	
Diffuser material	Polycarbonate	
Connection types	M12A, 2m cable, M12A connector with cable	
Standards	RoHs, CE	

Connection

Input M12A - Cable	Power	Eco	Dual
Pin 1 - Brown	+24 Vdc	+24 Vdc	+24 Vdc
Pin 2 - White	Not connected	Not connected	24 Vdc = Power 0 Vdc = Eco
Pin 3 - Blue	0 Vdc	0 Vdc	0 Vdc
Pin 4 - Black ⁽¹⁾	24 Vdc = Power on 0 Vdc = Switched on by motion sensor or touch sensor		

(1) Pin 4 is not connected in the switch version

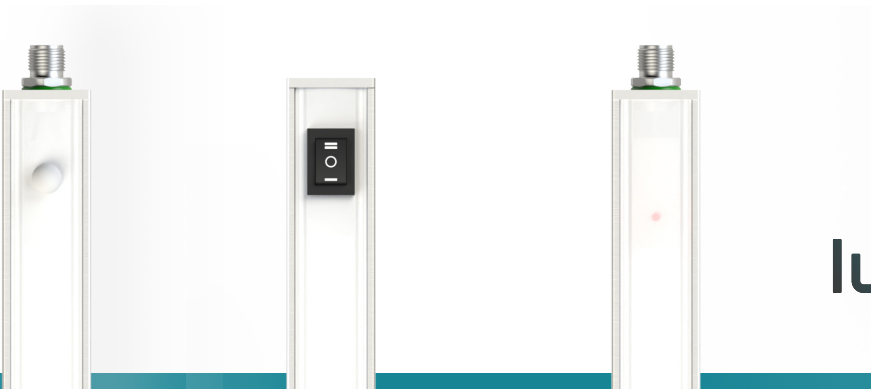
M12A Male



Fixings

P00G1 , P00G2, P00G3, P00R1, M6D16

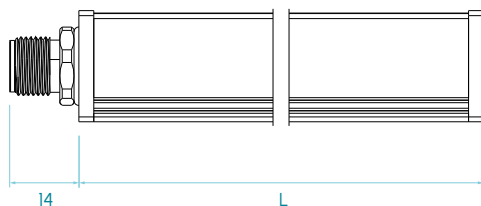
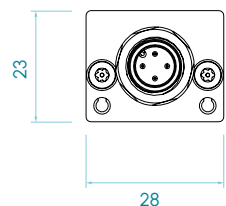
PRS · 5000K



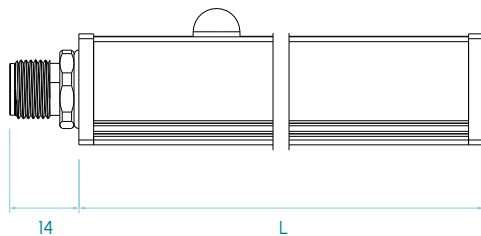
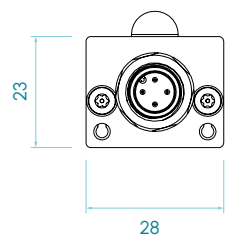
lumher

Measures

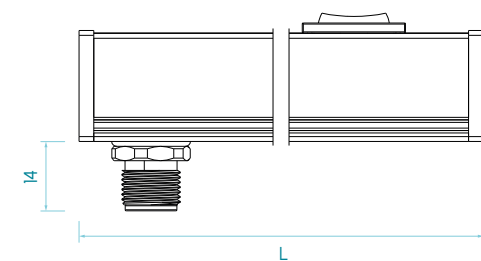
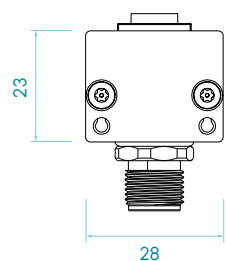
Tactile sensor + M12A axial input



Motion sensor + M12A axial input



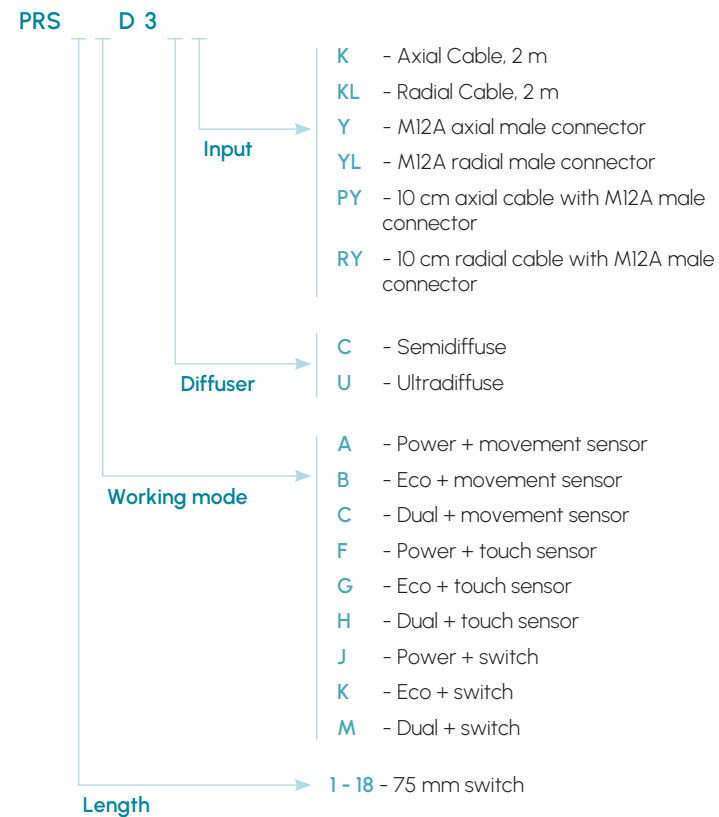
Switch + M12A radial input



Measures in mm

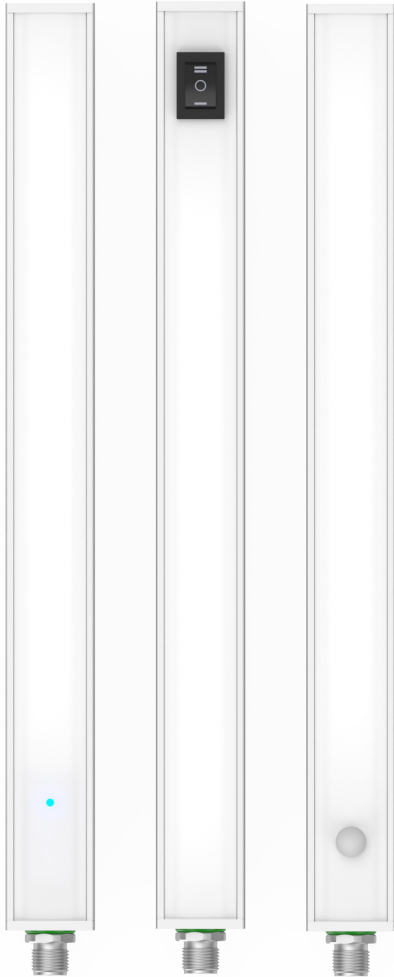
PRS · 5000K

Selection guide



lumher

PRS Series · Daylight white 5000K



5000K
DAYLIGHT
WHITE

SEMIDIFFUSE
60°

ULTRADIFFUSE
110°

PHOTOBIOLOGICAL
RISK
RG1 - LOW

60.000h
LIFESPAN

Table of characteristics

	Length L1 ⁽²⁾ (mm)	Length L2 ⁽²⁾ (mm)	Weight (g)	Illuminance Ev (lx) @ 1m				Luminous flux ⁽³⁾ (lm)		Power consumed (W)	
				SEMIDIFFUSE		ULTRADIFFUSE					
				POWER	ECO	POWER	ECO	POWER	ECO	POWER	ECO
PRS 01...	140	158	89	56	28	34	17	251	126	1,6	0,8
PRS 02...	215	233	129	111	56	67	33	502	251	3,2	1,6
PRS 03...	290	308	169	167	84	101	50	754	377	4,8	2,4
PRS 04...	365	383	209	222	112	134	67	1.005	502	6,4	3,2
PRS 05...	440	458	249	278	140	168	83	1.256	628	8,0	4,0
PRS 06...	515	533	289	333	168	201	100	1.507	754	9,6	4,8
PRS 07...	590	608	329	389	196	235	117	1.758	879	11,2	5,6
PRS 08...	665	683	369	444	224	268	133	2.010	1.005	12,8	6,4
PRS 09...	740	758	409	500	251	302	150	2.261	1.130	14,4	7,2
PRS 10...	815	833	449	556	279	335	167	2.512	1.256	16,0	8,0
PRS 11...	890	908	489	611	307	369	183	2.763	1.382	17,6	8,8
PRS 12...	965	983	529	667	335	402	200	3.014	1.507	19,2	9,6
PRS 13...	1.040	1.058	569	722	363	436	217	3.266	1.633	20,8	10,4
PRS 14...	1.115	1.133	609	778	391	469	233	3.517	1.758	22,4	11,2
PRS 15...	1.190	1.208	649	833	419	503	250	3.768	1.884	24,0	12,0
PRS 16...	1.265	1.283	689	889	447	536	267	4.019	2.010	25,6	12,8
PRS 17...	1.340	1.358	729	944	475	570	283	4.270	2.135	27,2	13,6
PRS 18...	1.415	1.433	769	1.000	503	604	300	4.522	2.261	28,8	14,4

(2) Versions with radial input and/or radial output will have as length L2, the rest will be L1.
(3) The luminous flux (lm) is before diffuser.